

## AUXILIARIES FOR THE TEXTILE INDUSTRY AND ENVIRONMENTAL PROTECTION

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**Abstract:** The textile industry is an industrial field that affects the environment, from the plant growth until the production process. The obtaining of environmental licence for Romanian companies that produce textile products is related to elaboration and implementation of a modern system for an environmental management, that consist in utilization of ecological technologies for finishing, in diminution the water and energy consumption, cleaning of waste waters, reutilization of cleaned waters, sustenable management of wastes. In this study, the surfactant categories used in the textile industry that fulfil the conditions of environment protection, are presented. Some exemplifications were made involving the existing surfactants in Romanian textile industry, obtained from both domestic and external production. Also, some recommendation are suggested regarding the utilization of surfactants manufactured from either vegetal oils or chemical/petrochemical wastes, with similar properties as those from import having decreased prices an that affect as small as possible the environment.

**Keywords:** textile industrie, surfactant, pollution, environmental protection

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